A1775-2

# Monthly Gas Utility Statistical Report

American Gas Association

Department of Statistics

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September 1985

Residential and commercial sales increased in September of 1985 compared to last year, while industrial and electric generation sales decreased for the same period. Total utility sales were down from 706.8 trillion Btu in September 1984 to 634.4 trillion Btu in September 1985.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

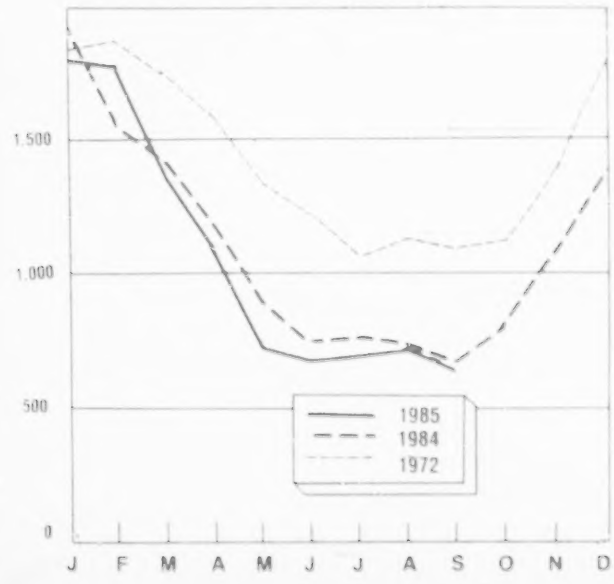
| | September | | | Year to Date | | January 1 to December 31 | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | % Change | 1985 | | |
| | 1985 | 1984[R] | %Change[1] | 1985 | Last Period | Forecast[2] | 1984 | % Change |
| Residential | 132.6 | 132.1 | + 0.4 | 3,308.5 | - 4.5 | 4,504.9 | 4,628.3 | - 2.7 |
| Commercial | 98.4 | 95.4 | + 3.2 | 1,712.5 | - 4.4 | 2,335.8 | 2,396.0 | - 2.5 |
| Industrial* | 246.8 | 297.5 | - 17.0 | 2,600.0 | - 12.6 | 3,837.9 | 4,241.0 | - 9.5 |
| Elec. Gen.* | 150.0 | 175.4 | - 14.5 | 1,410.6 | + 4.1 | 1,805.2 | 1,750.0 | + 3.2 |
| Other | 6.6 | 6.4 | - | 102.6 | - | 141.3 | 146.4 | - |
| Total Sales | 634.4 | 706.8 | - 10.2 | 9,334.2 | - 5.9 | 12,625.1 | 13,161.7 | - 4.1 |
| Transportation | 113.0 | 74.1 | + 52.5 | 1,032.9[R] | + 62.9 | N/A | N/A | |
| Total Volumes | 747.4 | 780.9 | - 4.3 | 10,367.1[R] | - 1.8 | N/A | N/A | |

Gas volumes are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas utility sales to ultimate consumers.

R - Revised. *Previously combined and shown as Industrial.

## MONTHLY GAS UTILITY SALES

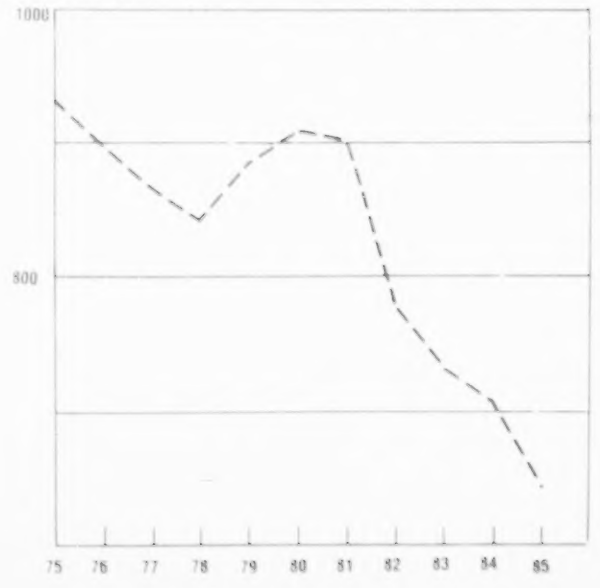
(Trillions of Btu)




The peak year in sales for the Gas Utility Industry occurred in 1972

## CURRENT MONTH GAS UTILITY SALES

Sales - — — -
(Trillions of Btu)



## RESIDENTIAL APPLIANCE SHIPMENTS - SEPTEMBER

(Thousands of Units)

| | 1985 | 1984 | % Change '84 vs '85 |
|---|---|---|---|
| Domestic Range | | | |
| Gas | 185.4 | 172.6 | + 7.4 |
| Electric | 278.6 | 271.3 | + 2.7 |
| Clothes Dryers | | | |
| Gas | 77.4 | 68.0 | + 13.8 |
| Electric | 282.2 | 253.8 | + 11.2 |
| Water Heaters | | | |
| Gas | 275.4 | 236.3 | + 15.6 |
| Electric | 291.5 | 254.4 | + 14.6 |
| Warm Air Furnaces | | | |
| Gas | 195.6 | 200.4 | - 2.3 |
| Electric | 33.3 | 28.2 | + 19.2 |
| Oil | 16.8 | 19.4 | - 3.7 |
| Boilers | | | |
| Gas | 24.6 | 26.7 | + 2.0 |
| Electric | 0.1 | 0.1 | - 49.4 |
| Oil | 11.3 | 12.6 | - 9.8 |

Sources: Gas Appliance Manufacturers Association (GAMA)

## ECONOMIC INDICATORS - SEPTEMBER

| | 1985 | 1984 | % Change '84 vs '85 |
|---|---|---|---|
| Total Actual Private Housing Starts (Thous. of units) | 144.8 | 148.5 | - 2.5 |
| Consumer Price Index (All urban, unadjusted, 1967 = 100) | | | |
| Gas (utility pipe gas) | 587.0 | 598.4 | - 1.9 |
| Electricity | 380.4 | 374.9 | + 1.5 |
| Fuel Oil | 604.9 | 628.4 | - 3.7 |

Sources: Department of Commerce, Bureau of Labor Statistics

| | | | |
|---|---|---|---|
| Index Total Gas Sales (1972 = 100) | 58.0 | 64.6 | - 10.2 |
| Gas Utility Prices ($/MMBtu) | | | |
| Residential | 6.89 | 7.03 | - 2.0 |
| Commercial | 5.36 | 5.63 | - 4.8 |
| Industrial | 4.21 | 4.39 | - 4.1 |
| Electric Generation | 3.71 | 4.30 | - 13.7 |
| Total | 4.83 | 5.03 | - 4.0 |
| Carriage Volumes[3] (trillions of Btu) | | | |
| To Ultimate Consumers | 113.0 | 74.1 | + 52.5 |
| For Ultimate Consumers | 38.5 | 25.8 | + 49.2 |
| For Resale | 304.1 | 186.4 | + 63.1 |
| Total | 455.6 | 286.3 | + 59.1 |

Source: A.G.A.

## AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING ($/MMBtu)

| Year | Month | Total | Res. | Comm. | Ind.[4] | Elec. Gen. | Other |
|---|---|---|---|---|---|---|---|
| 1978 | Dec. | 2.184 | 2.534 | 2.279 | 1.896 | N/A | 1.788 |
| 1979 | Dec. | 2.522 | 2.918 | 2.665 | 2.231 | N/A | 1.937 |
| 1980 | Dec. | 3.134 | 3.612 | 3.336 | 2.792 | N/A | 2.667 |
| 1981 | Dec. | 3.850 | 4.161 | 3.909 | 3.292 | N/A | 3.458 |
| 1982 | Dec. | 4.456 | 4.969 | 4.721 | 4.009 | N/A | 4.307 |
| 1983 | Dec. | 5.120 | 5.882 | 5.506 | 4.406 | N/A | 4.921 |
| 1984 | Sep. | 5.116 | 5.807 | 5.511 | 4.334 | N/A | 4.852 |
| | Oct. | 5.117 | 5.913 | 5.513 | 4.350 | N/A | 4.855 |
| | Nov. | 5.116 | 5.913 | 5.508 | 4.348 | N/A | 4.851 |
| | Dec. | 5.126 | 5.958 | 5.511 | 4.359 | N/A | 4.869 |
| 1985[P] | Jan. | 5.132 | 5.975 | 5.528 | 4.405 | 4.208 | 4.864 |
| | Feb. | 5.134 | 5.967 | 5.520 | 4.411 | 4.190 | 4.843 |
| | Mar. | 5.136 | 5.979 | 5.526 | 4.411 | 4.179 | 4.795 |
| | Apr. | 5.140 | 5.995 | 5.536 | 4.412 | 4.186 | 4.791 |
| | May | 5.136 | 6.003 | 5.536 | 4.404 | 4.164 | 4.771 |
| | Jun. | 5.136 | 6.007 | 5.531 | 4.394 | 4.151 | 4.763 |
| | Jul. | 5.125 | 6.005 | 5.524 | 4.378 | 4.100 | 4.745 |
| | Aug. | 5.108 | 6.004 | 5.518 | 4.358 | 4.026 | 4.711 |
| | Sep. | 5.099 | 6.000 | 5.507 | 4.346 | 3.976 | 4.700 |

## AVERAGE MONTHLY GAS UTILITY PRICES ($/MMBtu)

| Year | Month | Total | Res. | Comm. | Ind.& Elec. | Ind. Only | Elec. Only |
|---|---|---|---|---|---|---|---|
| 1983 | Sep. | 4.94 | 6.79 | 5.55 | 4.36 | N/A | N/A |
| | Oct. | 5.04 | 6.41 | 5.53 | 4.36 | N/A | N/A |
| | Nov. | 5.17 | 6.01 | 5.54 | 4.40 | N/A | N/A |
| | Dec. | 5.18 | 5.70 | 5.49 | 4.35 | N/A | N/A |
| 1984 | Jan. | 5.20 | 5.60 | 5.42 | 4.40 | 4.48 | 4.11 |
| | Feb. | 5.21 | 5.69 | 5.48 | 4.39 | 4.45 | 4.14 |
| | Mar. | 5.17 | 5.73 | 5.49 | 4.36 | 4.43 | 4.11 |
| | Apr. | 5.09 | 5.77 | 5.51 | 4.31 | 4.37 | 4.12 |
| | May | 5.08 | 6.14 | 5.55 | 4.34 | 4.37 | 4.25 |
| | Jun. | 5.00 | 6.55 | 5.68 | 4.31 | 4.39 | 4.17 |
| | Jul. | 4.95 | 6.95 | 5.67 | 4.34 | 4.35 | 4.32 |
| | Aug. | 4.93 | 7.04 | 5.55 | 4.32 | 4.37 | 4.25 |
| | Sep. | 5.03 | 7.03 | 5.63 | 4.36 | 4.39 | 4.30 |
| | Oct. | 5.05 | 6.56 | 5.56 | 4.31 | 4.35 | 4.24 |
| | Nov. | 5.15 | 6.01 | 5.47 | 4.37 | 4.40 | 4.29 |
| | Dec. | 5.31 | 5.87 | 5.52 | 4.45 | 4.53 | 4.22 |
| 1985[P] | Jan. | 5.23 | 5.77 | 5.52 | 4.31 | 4.44 | 3.98 |
| | Feb. | 5.22 | 5.67 | 5.43 | 4.36 | 4.51 | 3.90 |
| | Mar. | 5.19 | 5.84 | 5.54 | 4.30 | 4.43 | 3.98 |
| | Apr. | 5.15 | 5.98 | 5.63 | 4.29 | 4.37 | 4.14 |
| | May | 5.04 | 6.34 | 5.54 | 4.19 | 4.26 | 4.01 |
| | Jun. | 4.96 | 6.69 | 5.56 | 4.15 | 4.24 | 4.02 |
| | Jul. | 4.74 | 6.89 | 5.48 | 4.00 | 4.10 | 3.87 |
| | Aug. | 4.63 | 6.99 | 5.36 | 3.87 | 4.06 | 3.64 |
| | Sep. | 4.85 | 6.89 | 5.36 | 4.00 | 4.21 | 3.71 |

P - Preliminary

Editor - Ellen Hahn (703/841-8503)

[1]The percent change is a function of the 69 sample companies.

[2]1984 forecasts for the residential and commercial sectors are based on available 1984 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (both industrial only and electric generation) is also based on available 1984 monthly data with the remaining months of 1985 heavily weighted by last years sales with no adjustment made for degree days.

[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.

[4]Includes electric generation before 1985.